

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/003523

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/569 G01N33/53 G01N33/58 C12P21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 94/09117 A (MILTENYI BIOTEC INC ; MILTENYI STEFAN (DE); RADBRUCH ANDREAS (DE); MAN) 28 April 1994 (1994-04-28) the whole document	1-7
Y	WO 03/012449 A (RACHER ANDY ; SINGH RABINDER (GB); LONZA BIOLOG PLC (GB)) 13 February 2003 (2003-02-13) the whole document ----- -/--	1-7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

29 October 2004

Date of mailing of the international search report

22/11/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	HOLMES P ET AL: "Improved cell line development by a high throughput affinity capture surface display technique to select for high secretors" JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V.,AMSTERDAM, NL, vol. 230, no. 1-2, 19 November 1999 (1999-11-19), pages 141-147, XP002250983 ISSN: 0022-1759 the whole document	1-7
Y	BREZINSKY S C G ET AL: "A simple method for enriching populations of transfected CHO cells for cells of higher specific productivity" JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V.,AMSTERDAM, NL, vol. 277, no. 1-2, 1 June 2003 (2003-06-01), pages 141-155, XP004430554 ISSN: 0022-1759 the whole document	1-7
Y	US 5 326 696 A (CHANG TSE W) 5 July 1994 (1994-07-05) column 9, line 1 - column 10, line 60	1-7
Y	RODRGUEZ-CARRENO M P ET AL: "Phenotypic characterization of porcine IFN-gamma-producing lymphocytes by flow cytometry" JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V.,AMSTERDAM, NL, vol. 259, no. 1-2, 1 January 2002 (2002-01-01), pages 171-179, XP004324211 ISSN: 0022-1759 the whole document	1-7
P,A	WO 2004/051268 A (LIGHTWOOD DANIEL JOHN ; BUTLER LISA (GB); BROWN DEREK THOMAS (GB); CEL) 17 June 2004 (2004-06-17) the whole document	1-7

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 8-11
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 8-11

Present claims 8-11 relate to products which are defined by the method used for its manufacture without giving any indication about the chemical nature of the antibody. The claims cover products comprising an unknown number of unknown and undefined antibodies, which makes not possible to carry out any meaningful search covering the whole scope of said claims, which do not meet the requirements of Art. 6 PCT in combination with Art. 5 PCT (for further information see form PCT/ISA/237).

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9409117	A	28-04-1994	AT 237808 T	15-05-2003
			AU 679949 B2	17-07-1997
			AU 5538594 A	09-05-1994
			CA 2146974 A1	28-04-1994
			DE 69332884 D1	22-05-2003
			DE 69332884 T2	20-11-2003
			EP 1324040 A2	02-07-2003
			EP 0667896 A1	23-08-1995
			ES 2191677 T3	16-09-2003
			JP 8504574 T	21-05-1996
			WO 9409117 A1	28-04-1994
WO 03012449	A	13-02-2003	CA 2454088 A1	13-02-2003
			WO 03012449 A2	13-02-2003
			EP 1415158 A2	06-05-2004
US 5326696	A	05-07-1994	US 5213960 A	25-05-1993
			US 5256542 A	26-10-1993
			AU 3785493 A	05-10-1993
			WO 9318068 A1	16-09-1993
WO 2004051268	A	17-06-2004	WO 2004051268 A1	17-06-2004